

ROBERT A. OVERMYER
Engineering Specialist

Mr. Overmyer has 30 years of experience in planning, design, and field engineering of distribution systems and transmission lines. His responsibilities include the aspects of design related to the engineering of high-voltage transmission lines. He is well-acquainted with the use of the PLS-CADD program used for transmission line structure spotting.

Professional Background:

1988-Present	Commonwealth Associates, Inc., Jackson, Michigan
1978-1988	Gilbert/Commonwealth, Inc., Jackson, Michigan
1977-1978	Bechtel Power Corporation, Ann Arbor, Michigan
1973-1977	Gilbert/Commonwealth, Inc., Jackson, Michigan

Representative Project Experience:

- Responsible for the design of a variety of MEAG Power 115 kV and 230 kV transmission line projects. The projects include 115 kV wood pole H-frame reconductor projects, new 115 kV single-circuit steel pole projects, 230 kV single-circuit steel pole relocation projects, and substation entrance projects. Responsibilities include the use of PLS-CADD and PLS-Pole for structure spotting and steel pole design. Other responsibilities include the preparation of construction specifications, material tabulation, and the supervision of drawing preparation. Also responsible for supervising subcontractors on the projects, including ground survey, aerial survey, right-of-way agents, and construction contractors.
- Responsible for the design of three 115 kV H-frame line rebuild/reconductor projects, totaling 60 miles, for MEAG Power. These projects were accomplished with the use of PLS-CADD and aerial photography.
- Responsible for the design of several 138 kV pole-mounted switch, 69 kV reconductor and relocation projects for the Dayton Power and Light Company.
- Responsible for the KMC Telecom fiber project for Dayton Power and Light Company. Included were the responsibilities of coordinating the field review of 400 distribution poles and completing the analysis reports for the addition of fiber optic cable to Dayton Power and Light Company poles.
- Completed a conductor study for the Municipal Electric Authority of Georgia using PLS-CADD. The study looked at the feasibility of raising the operating temperature of a 115 kV transmission line from 50°C to 100°C under emergency conditions.

ROBERT A. OVERMYER (CONTINUED)

- Performed electric distribution engineering and layout for Rochester Gas & Electric Corporation.
- Responsible for the design and layout of plan and profile drawings using MicroStation and PLS-CADD for several 69 kV and 138 kV transmission lines for Dayton Power and Light Company. Other responsibilities included the preparation of computer-generated material lists, construction matrix tables, structure concepts and transmission hardware checks for the completion of such projects.
- Completed a field tabulation of all structure configurations required to complete a structure grounding study for South Carolina Electric and Gas Company.
- Responsible for preparation of computer-generated materials and construction lists to assist in the design and construction of five 115 kV cogeneration interconnections with Niagara Mohawk Power Corporation's transmission system.
- Responsible for preparing drawings and material lists and performing design checks of hardware and structure concept drawings for the New York Power Authority's Marcy-South 345 kV transmission line.
- Responsible for field review and design of an electrical distribution voltage conversion project in the Grand Rapids District for Consumers Energy Company.
- Responsible for field distribution engineering, including customer requests, line extensions and underground distribution facilities, as well as preparation of construction drawings, permits and materials lists for distribution line construction.
- Served as inspector on a 230 kV transmission line project for South Carolina Public Service Authority, responsible for right-of-way inspection, preparation of wood structure setting and framing reports.

Education:

Undergraduate courses in mathematics, electrical drafting, structural drafting, Jackson Community College

Undergraduate course in economics, Western Michigan University

Certificate in Business Development Program, Jackson Community College

PLS-CADD Training Seminar